

# PARSONS

Parsons Engineering Science, Inc. • A Unit of Parsons Infrastructure & Technology Group Inc.

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June 12, 2001

Mr. Stan Komperda  
Project Manager  
Illinois Environmental Protection Agency (IEPA)  
Bureau of Land  
1021 North Grand Avenue East  
Springfield, Illinois 62794-9276

US EPA RECORDS CENTER REGION 5



Re: Revised Comprehensive VOC Investigation  
Work Plan Comments  
Lockformer Site  
Lisle, DuPage County, Illinois

Dear Mr. Komperda:

We are enclosing our comments on the revised *Comprehensive VOC Investigation Work Plan* dated May 25, 2001 and prepared by Clayton Group Services, Inc. (Clayton) for the Lockformer site located in Lisle, Illinois.

## GENERAL COMMENTS

1. In Section 3.0, Scope of Work, Clayton indicates that a pump test will be performed using the Site's production well. It was the understanding of Parsons and the Illinois EPA that one of the newly installed bedrock wells would be used for this purpose, and that the production well would also be tested if logistically possible. Please clarify this text.
2. In Section 3.1.3.2, Bedrock Monitoring Wells, Clayton indicates that upon completion of the packer testing, a monitoring well would be installed in the open borehole. Illinois EPA does not approve of any such monitoring well installations; each such proposed monitoring well will need to be approved on a case-by-case basis by Illinois EPA.
3. During a meeting on May 23, 2001 attended by Clayton, Illinois EPA, USEPA, and Parsons, Clayton stated that borings placed in the vicinity of MW-521 showed the presence of a till layer that had previously not been noted on the boring log for this location. Does Clayton intend to perform additional investigation to validate the presence of the till layer in the vicinity of MW-521?
4. During the May 23, 2001 meeting, Clayton stated that they were working on a map of regional groundwater flow and presented a draft plan of various regional wells that they were considering to use in determining regional flow. It was stated that these data would be presented in the updated work plan. No such data is referenced by the revised work plan.



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5. Clayton indicated during the May 23, 2001 meeting that they were performing additional source area characterization work and sediment sampling around the concrete end walls on the south end of the building. This work is not referenced in the revised work plan.
6. During a site walkthrough on May 23, 2001, it was noted by Clayton that additional wells were being installed near the roof top tank source area. These wells are not referenced in the revised work plan.

#### **SPECIFIC COMMENTS**

1. Page 3-4: Second full paragraph: It would be helpful to make the preliminary camera survey data available if it alters the location or frequency of any of the packer tests. Will the camera survey be used for any other analysis?
2. Page 3-4: Third paragraph: Please provide information (in table form) on which adjacent core holes will be monitored during each test.
3. Page 3-9: Section 3.2: The static water level measurements from all wells should be collected over a reasonably short period of time (i.e., one 8-hour day) to ensure an accurate preparation of a groundwater contour map for the Site. Any available off-site wells should also be gauged during this effort.
4. Page 3-15: Please indicate the depth at which the pump will be placed during the pumping test.
5. Figure 4: Please add all monitoring and pumping well locations to this figure.

We are happy to discuss any of these comments on the revised Work Plan at your convenience. If you have any questions or comments, please call Mr. Sasa Jazic at (630) 371-1821.

Sincerely,

PARSONS ENGINEERING SCIENCE, INC.



Sasa Jazic  
Deputy Project Manager



Richard M. Frendt, P.E.  
Technical Director

SJ/RMF:tme

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c: Stan Black/Illinois EPA  
Howard Chinn/Illinois Attorney General  
Marc Cummings/Illinois EPA  
Donald Gimbel/Illinois EPA  
Kendra Pohn/Illinois Attorney General  
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